

DHCP

The following are the DHCP REST APIs:

- [List POAP Scopes, page -85](#)
- [Create a POAP Scope, page -86](#)
- [Update a POAP Scope, page -87](#)
- [Delete a POAP Scope, page -88](#)

Status

The following table details the API Response code, status and, the HTTPS methods.

Status Code	Status	API's HTTPS Method or HTTPS Method
200	OK	GET
202	Accepted	POST PUT DELETE
400	Bad Request	GET POST PUT DELETE
401	Unauthorized	GET POST PUT DELETE
403	Forbidden	GET POST PUT DELETE
404	Not Found	GET POST PUT DELETE

Status Code	Status	API's HTTPS Method or HTTPS Method
405	Method Not Allowed	GET POST PUT DELETE
500	Internal Server Error	GET POST PUT DELETE

List POAP Scopes

Resource Name /poap/dhcp/scopes

Description List of POAP DHCP scopes

https Method GET

URL https://dcnm-ip/rest/poap/dhcp/scopes

Parameter

Parameter	Type	Description

Return Value

Format: JSON

Type: Object

Attribute Name	Type	Description
Poap-scopes	A	A list of scope objects including scope name, ip-range, default-lease-time, max-lease-time, tftp-server-ip-address, tftp-server-username, tftp-server-password, boot-script-path is displayed.

Create a POAP Scope

Resource Name /poap/dhcp/scopes

Description Create a new DHCP scope for POAP.

https Method POST

URL https://dcnm-ip/rest/poap/dhcp/scopes

Parameter

Parameter	Type	Description
Poap-scope		Displays a list of POAP scope objects including scope name and ip-range, default-lease-time, max-lease-time, tftp-server-ip-address, tftp-server-username, tftp-server-password, boot-script-path.

Return Value Format: JSON

Type: Object

Attribute Name	Type	Description
scope-name	S	DHCP scope name.

Update a POAP Scope

Resource Name /poap/dhcp/scopes/{scope-name}

Description Update a DHCP scope for POAP.

https Method PUT

URL https://dcnm-ip/rest/poap/dhcp/scopes/{scope-name}

Parameter

Parameter	Type	Description
Poap-scope	O	Displays a list of POAP scope objects including scope name and switch-settings, switch-settings includes ip-range, default-lease-time, max-lease-time, tftp-server-ip-address, tftp-server-username, tftp-server-password, boot-script-path

Return Value Format: JSON

Type: Object

Attribute Name	Type	Description

Delete a POAP Scope

Resource Name /poap/dhcp/scopes/{scope-name}

Description Delete a DHCP scope for POAP.

https Method DELETE

URL https://dcnm-ip/rest/poap/dhcp/scopes/{scope-name}

Parameter

Parameter	Type	Description

Return Value Format: JSON

Type: Object

Attribute Name	Type	Description